



21581-265.seq.ST25  
SEQUENCE LISTING

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RECEIVED  
JUN 20 2003  
TECH CENTER 1600/29C

<120> Process For Producing Coenzyme Q10

<130> 21581-00265-US

<140> 09/830,111

<141> 2001-07-23

<160> 2

<170> PatentIn version 3.2

<210> 1

<211> 1653

<212> DNA

<213> Saioella complicata

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 35 40 45  
 Ala Val Ser Ser Ala Ser Arg Leu Val Glu Pro Asp Pro Asn Gln Pro  
 50 55 60  
 Leu Ile Asn Pro Leu Asn Leu Val Gly Pro Glu Met Ser Asn Leu Thr  
 65 70 75 80  
 Ser Asn Ile Arg Ser Leu Leu Gly Ser Gly His Pro Ser Leu Asp Thr  
 85 90 95  
 Val Ala Lys Tyr Tyr Val Gln Ser Glu Gly Lys His Ile Arg Pro Leu  
 100 105 110  
 Met Val Leu Leu Met Ala Gln Ala Thr Glu Val Ala Pro Lys Val Gln  
 115 120 125  
 Gly Trp Glu Lys Val Val Glu Val Pro Val Asn Glu Gly Leu Ala Pro  
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Gly Pro Leu Thr Lys Asp Gly Glu Ile Glu Gly Gln Thr Ser Asn Ile  
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Leu Ala Ser Gln Arg Arg Leu Ala Glu Ile Thr Glu Met Ile His Ala  
180 185 190

Ala Ser Leu Leu His Asp Asp Val Ile Asp Ala Ser Glu Thr Arg Arg  
195 200 205

Asn Ala Pro Ser Gly Asn Gln Ala Phe Gly Asn Lys Met Ala Ile Leu  
210 215 220

Ala Gly Asp Phe Leu Leu Gly Arg Ala Ser Val Ala Leu Ala Arg Leu  
225 230 235 240

Arg Asn Pro Glu Val Ile Glu Leu Leu Ala Thr Val Ile Ala Asn Leu  
245 250 255

Val Glu Gly Glu Phe Met Gln Leu Lys Asn Thr Val Asp Asp Ala Ile  
260 265 270

Glu Ala Thr Ala Thr Gln Glu Thr Phe Asp Tyr Tyr Leu Gln Lys Thr  
275 280 285

Tyr Leu Lys Thr Ala Ser Leu Ile Ala Lys Ser Cys Arg Ala Ser Ala  
290 295 300

Leu Leu Gly Gly Ala Thr Pro Glu Val Ala Asp Ala Ala Tyr Ala Tyr  
305 310 315 320

Gly Arg Asn Leu Gly Leu Ala Phe Gln Ile Val Asp Asp Met Leu Asp  
325 330 335

Tyr Thr Val Ser Ala Thr Asp Leu Gly Lys Pro Ala Gly Ala Asp Leu  
340 345 350

Gln Leu Gly Leu Ala Thr Ala Pro Ala Leu Phe Ala Trp Lys His His  
355 360 365

Ala Glu Leu Gly Pro Met Ile Lys Arg Lys Phe Ser Asp Pro Gly Asp  
370 375 380

Val Glu Arg Ala Arg Glu Leu Val Glu Lys Ser Asp Gly Leu Glu Lys  
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Arg Thr Phe Pro Glu Ser Pro Ala Arg Lys Ala Leu Glu Gln Leu Thr  
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Asp Lys Val Leu Thr Arg Ser Arg  
435 440

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